

359 OPTICS: SYSTEMS (INCLUD»»» 485 .Light polarization without any external input

483

POLARIZATION WITHOUT MODULATION

This subclass is indented under the class definition.

Subject matter wherein the polarization of an incoming light beam is modified in a time invariant fashion as a result of passing through some optical device.

- (1) Note. Where both a polarizing device and a composition are claimed, the patent is classified here and cross-referenced to Class 252, subclass 585.
- (2) Note. Where a method of making the polarizing device is claimed as well as the polarizing device, the patent is classified here and cross-referenced to any other class providing for the method.
- (3) Note. The nominal recitation of a polarizing area in the form of a design, image, etc., is sufficient to include this subject matter in this subclass.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 122, for optical multiplex communications, using polarization.
- 246+ for electro-optic modulation of polarized light.
- 281+ for magneto-optic modulation of polarized light.
- 301, for light wave directional control of polarized light.
- 371, and 386, for compound lens systems combined with polarizers.
- 437, for polarizers used in a scale or indicia reading.
- 465, for polarizers used in stereoscopic systems.

SEE OR SEARCH CLASS:

- 40, Card, Picture, or Sign Exhibiting, particularly 548, for illuminated signs utilizing polarizers.
- 250, Radiant Energy, 225, for a light polarizer and a photocell and subclasses 505.1 + for invisible radiation control devices exclusive of infrared and ultraviolet devices which may include polarization devices.
- 252, Compositions, 585, for chemical compositions which produce polarized light.
- 313, Electric Lamp and Discharge Devices, 112, for electric lamps and electronic tubes combined with a polarizer.
- 343, Communications: Radio Wave Antennas, 756, for antennas with a polarization converter and subclasses 909 + for radio wave polarizations, per se.
- 349, Liquid Crystal Cells, Elements and Systems, 194, for liquid crystal polarizer.
- 351, Optics: Eye Examining, Vision Testing and Correcting, 49, , 215, and 232 for light-polarizing devices used in eye examining vision testing and correcting means.
- 353, Optics: Image Projectors, 20, for polarizers used with image projectors.
- 356, Optics: Measuring and Testing, 30+, for gem or crystal

examining using polarized light; subclass 326 for spectrometers which utilize polarized light; and subclasses 364 + for polarized light examination devices generally.

- 365, Static Information Storage and Retrieval, 121, for polarization techniques used in the storage and retrieval of information.
- 472, Amusement Devices, 57+, for a theatrical stage device which may use a polarizer.

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. Light polarization without any external input

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Subject matter wherein an optical device causes optical energy to vibrate in accordance with a regular pattern that differs from the input without the application of any supplemental energy.

SEE OR SEARCH CLASS:

- 346, Recorders, 107.1+ for photographic recorder systems where a phenomenal record is made of an output signal.
- 347, Incremental Printing of Symbolic Information, 224+ for apparatus or processes for marking record receiver using radiation energy (e.g., light or beam), subclasses 129 + for electrostatic marking apparatus or processes including photo scanning device.
- 356, Optics: Measuring and Testing, 368, for polarimeters which include electro-optical light rotation.